STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

	ROUTE NO.	SECTION	COL	JNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 27
	FAP 885	5B-1	HAR	DIN		53	34 SHEETS
FED. ROAD DIST. NO. 7			ILLINOIS	FED. AID PRO	DJECT-		98648

Division of Highways District Nine Materials					Ε	Date	8/11	Ю
OUTE FAR OOF RECORDINATION FAR OOF III Dr. 140 a.u. Die Grant DRIUED DV	D	V-0-	_		1			
OUTE FAP 885 DESCRIPTION FAP 885 (IL Rte 146) over Big Creek DRILLED BY	Bryan	Kelle	<u> </u>			TRIAX	IAL D	T
ECTION 5B-1 LOCATION _SE 1/4, SW 1/4, NW 1/4, SEC. 27, TWP. 12S, RNG. 8E, 3 PM		S	UNIT	S	М	С	P	
		P		T	0	0	H	
OUNTY Hardin STRUCT. NO. 035-0010	D	E	W	R		Н	1	
Station280+80.00	E	C	E	E N	S	E S	Α	
ORING NO. A-1S Station 278+83 Ground Surface Elev. 362.8 ft Tube Length in Offset 10.00ft Lt. Begin Sampling Depth -0 ft Tube Diameter in	P	M	Ġ	G	Ü	١	N	
Station 278 + 83	1 ' 1	E	H	T	R	o	G	
Offset ft Tube Diameter in	H	N	Т	н	E	N		l
AND THE RECORDITION AND ADDEDVATIONS	(61)						l	
SOIL TYPE, DESCRIPTION AND OBSERVATIONS	(ft)	(no)	(pcf)	(tsf)	(%)	(psf)	(deg)	l
Medium to stiff, very moist, grey, Silty Clay A-6		105			23.3			
Medium to stiff, very moist, grey, Silty Clay A-6		106	ı	0.97B				
Medium to stiff, very moist, grey, Silty Clay A-6		107	i	0.77B				
Medium to stiff, very moist, grey, Silty Clay A-6		108	l	0.77B				1
Medium to stiff, very moist, grey, Silty Clay A-6		109	126.0	1				
Medium to stiff, very moist, grey, Silty Clay A-6	55		1	1.85B				I
Medium to stiff, very moist, grey, Silty Clay A-6		111	1	0.95B	1			١
Medium to stiff, very moist, grey, Silty Clay A-6		112	ŧ	0.84B				
Medium to stiff, very moist, grey, Silty Clay A-6		113		1.255				
Medium to stiff, very moist, grey, Silty Clay A-6		114	3	0.915				
Med-stiff, vm, gr, Silty Clay A-6 w/sand seams		115	130.0	0.740	26.8			
Med-stiff, vm, gr, Silty Clay A-6 w/sand seams		116	i	0.74B				١
Medium to stiff, very moist, grey, Silty Clay A-6 Medium to stiff, very moist, grey, Silty Clay A-6		117 118	121.0	1 1				
Med-stiff, vm, gr, Silty Clay A-6 w/sand seams		119	117.0	0.973	30.1			-
Med-stiff, vm, gr, Silty Clay A-6 w/sand seams	-	400	127.0		24.2			
Medium to stiff, very moist, grey, Silty Clay A-6	<u>60</u>	121	1	1.425	1			
Medium to stiff, very moist, grey, Silty Clay A-6		122	127.0	1 1	. 1			
Medium to stiff, very moist, grey, Silty Clay A-6		123	ı	0.885				
No Recovery		124	1.0.0	0.000	01.0			
Augered		125						
Augered		126	1					1
Augered		127						
Augered		128						
Augered	***************************************	129						
Stiff, very moist, grey, silty Clay A-6	65		1	1 1	29.0			

						[Date _	8/11	00
ROUTE FAP 885 DESCRIPTIO	N FAP 885 (IL Rte 146) over Big Creek DRILLED	BY Bryar	Kelle	er		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	TRIAX	(IAL D	ATA
SECTION 5B-1 LO	OCATIONSE 1/4, SW 1/4, NW 1/4, SEC. 27, TWP. 12S, RNG. 8E, 3 PM	1	S P	UNIT	S	M 0	C O	P H	T E
COUNTY Hardin S	TRUCT. NO. <u>035-0010</u> Station <u>280 + 80.00</u>	D E	E	E	E	S	H		S
BORING NO. A-1S Station 278+83 Offset 10.00ft Lt.	Ground Surface Elev. 362.8 ft Tube Length Begin Sampling Depth -0 ft Tube Diameter	in P	M E N	G H T	N G T H	T U R E	S I O N	A N G	T Y P
SOIL TYPE, DESCRIPTION AND OBS	ERVATIONS	(ft)		(pcf)		(%)		(deg)	E
Augered Augered Stiff, moist, grey, Clay A7–6			161 162 163 164	130.0 133.0 133.0	0.99B 0.89S 1.46B 0.27B 1.62B	20.2 18.1 17.4			
The "Strength" column represents the	"wet" or 'moist" unit weight of the sample 'unconfined compressive" strength of the sample (AASHTO T 208) ited Undrained (UU) or Consolidated Undrained (CU) test procedures	_ <u>-90</u> 			PR FOI)04A (Rev. 8	-99)

of Transportation Division of Highways District Nine Materials SHELBY TUBE TEST RE	JULI	J					<u>6</u> of 8/11/	
DOUTE 540 005 DECORPORTION 540 005 (# B) 440 005 B' 00 1 DOUTED BY		<i>1</i> /2 11						
ROUTE FAP 885 DESCRIPTION FAP 885 (IL Rte 146) over Big Creek DRILLED BY	Bryan	Kelle	<u>r </u>			TRIAX	IAL D	AT
SECTION 5B-1 LOCATION _ SE 1/4, SW 1/4, NW 1/4, SEC. 27, TWP. 12S, RNG. 8E, 3 PM		S	UNIT	S	М	С	Р	ן
		P		T	0	0	Н	E
COUNTY Hardin STRUCT. NO. 035-0010	D	E	W E	R	S	H	.]	S
Station 280+80.00	E	1	1	N	T	S	Α	Ι'
BORING NOA-1S	P	м	Ġ	G	Ü	Ĭ	N	٦
Station 278+83 Ground Surface Elev. 362.8 ft Tube Length Offset 10.00ft Lt. Begin Sampling Depth -0 ft Tube Diameter		E	Н	Т	R	0	G	Y
Offset 10.00ft Lt. Begin Sampling Depth -0 ft Tube Diameter	in H	N	Т	Н	E	N		P
SOIL TYPE, DESCRIPTION AND OBSERVATIONS	(ft)	(no)	(pcf)	(tsf)	(%)	(psf)	(deg)	E
Stiff, very moist, grey, Clay A7–6		131	127.0	1.12B	25.2		(3/	-
Stiff, very moist, grey, Clay A7–6		132	128.0	1.45	24.3			
Stiff, very moist, grey, Clay A7–6		133	125.0	1.265	25.8			
Stiff, very moist, grey, Clay A7–6		134	125.0	1.195				
Augered		135						
Augered	*****	136						
Augered		137						
Augered		138						
Augered	***************************************	139						
Stiff, very moist, grey, Clay A7-6	-70	140	130.0	0.97B	20.0			
Stiff, very moist, grey, Clay A7-6		141	130.0	0.96B	19.2			
Stiff, very moist, grey, Clay A7-6		142	131.0	1.5B	18.5			
Stiff, very moist, grey, Clay A7-6		143	132.0	1.7B	18.3			
Stiff, very moist, grey, Clay A7-6		144	132.0	1.2B	18.6			
Augered		145						
Augered		146						
Augered		147						
Augered		148						
Augered Stiff to your stiff maint grow Clay A7 6		149	121.0	1.25S	20.2			
Stiff to very stiff, moist, grey, Clay A7-6	<u>75</u>	150 151	131.0 130.0					
Stiff to very stiff, moist, grey, Clay A7–6 Stiff to very stiff, moist, grey, Clay A7–6		152						
Stiff to very stiff, moist, grey, Clay A7–6 Stiff to very stiff, moist, grey, Clay A7–6	********	153		2.418	1			
No Recovery		154	151.0	2.410	10.4			
Augered	***************************************	155						
Augered		156						

BORING LOGS

F.A.P. ROUTE 885 - SECTION 5B-1

HARDIN COUNTY

STATION 280+80.00

STRUCTURE NO. 035-0014